

GenCore version 4.5  
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OM protein - protein search, using sw model

Run on: May 23, 2001, 14:17:50 ; Search time 12.7 Seconds

(without alignments)  
665.573 Million cell updates/sec

Title: US-08-883-036A-2

Perfect score: 2327

Sequence: 1 MEORGONAPASGARRRHGP.....HLSSGKFMYLEGNADSAMS 440

Scoring table: BLOSUM62

Searched: Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 185757

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Database : Issued\_Patents\_AA:\*

- 1: /cgn2\_6/ptodata/2/1aa/5A.COMB.pep:\*
- 2: /cgn2\_6/ptodata/2/1aa/5B.COMB.pep:\*
- 3: /cgn2\_6/ptodata/2/1aa/6A.COMB.pep:\*
- 4: /cgn2\_6/ptodata/2/1aa/6B.COMB.pep:\*
- 5: /cgn2\_6/ptodata/2/1aa/PTUS.COMB.pep:\*
- 6: /cgn2\_6/ptodata/2/1aa/Backfile1.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2327	100.0	440	3	US-08-883-036A-2
2	464.5	20.0	368	2	US-08-651-579-2
3	262	11.3	51	3	US-08-883-036A-4
4	215	9.2	455	1	US-08-050-319B-25
5	215	9.2	455	1	US-08-321-668-2
6	215	9.2	455	1	US-08-837-941-2
7	215	9.2	455	2	US-08-126-016-2
8	215	9.2	455	2	US-08-465-982-25
9	215	9.2	455	4	US-08-815-469-5
10	212	9.1	428	4	US-08-815-469-2
11	203.5	8.7	417	4	US-08-815-469-4
12	201	8.6	335	4	US-08-815-469-6
13	199.5	8.6	314	1	US-08-444-231-19
14	199.5	8.6	314	5	US-08-152-443A-19
15	199.5	8.6	314	5	US-08-152-443A-19
16	197	8.5	335	2	US-08-219-237B-2
17	197	8.5	335	2	US-08-409-338-1
18	197	8.5	335	4	US-09-290-640-2
19	197	8.5	335	5	US-09-290-640-2
20	182.5	7.8	319	3	US-08-974-022-45
21	179.5	7.7	327	4	US-09-290-640-66
22	178.5	7.7	318	1	US-08-385-229-4
23	172	7.4	461	1	US-08-385-229-2
24	172	7.4	461	2	US-08-650-000-2
25	172	7.4	461	4	US-09-042-785A-7
26	172	7.4	461	6	US-09-042-785A-7
27	171.5	7.4	119	2	US-08-219-237B-3

28	167.5	7.2	197	2	US-08-505-606-1	Sequence 1, Appl1
29	163.5	7.0	474	2	US-08-650-000-4	Sequence 4, Appl1
30	163.5	7.0	474	4	US-09-042-785A-8	Sequence 8, Appl1
31	163.5	7.0	474	6	US-09-042-785A-8	Sequence 6, Appl1
32	159	6.8	486	1	US-08-243-010-1	Sequence 1, Appl1
33	157	6.7	285	4	US-08-804-166-6	Sequence 6, Appl1
34	157	6.7	285	4	US-08-910-991-6	Sequence 6, Appl1
35	154.5	6.6	451	3	US-08-996-139-6	Sequence 6, Appl1
36	154.5	6.6	616	3	US-08-996-139-6	Sequence 6, Appl1
37	154	6.6	158	1	US-08-050-319B-54	Sequence 54, Appl1
38	154	6.6	158	2	US-08-465-982-54	Sequence 54, Appl1
39	154	6.6	280	3	US-08-974-022-46	Sequence 46, Appl1
40	154	6.6	401	3	US-08-974-022-46	Sequence 46, Appl1
41	154	6.6	401	4	US-09-042-785A-12	Sequence 12, Appl1
42	150	6.4	283	5	US-08-292-549-6	Sequence 2, Appl1
43	149.5	6.4	355	4	US-08-804-166-2	Sequence 6, Appl1
44	148.5	6.4	256	4	US-08-804-166-2	Sequence 2, Appl1
45	148.5	6.4	256	4	US-08-910-991-2	Sequence 2, Appl1

## ALIGNMENTS

RESULT 1  
US-08-883-036A-2  
Sequence 2, Application US/08883036A  
Patent No. 6072047  
GENERAL INFORMATION:  
APPLICANT: Rauch, Charles  
APPLICANT: Walczak, Henning  
TITLE OF INVENTION: Receptor That Blinds TRAIL  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Kathryn A. Anderson, Immunex Corporation  
STREET: 51 University Street  
CITY: Seattle,  
STATE: WA  
COUNTRY: US  
ZIP: 98101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Power Macintosh  
OPERATING SYSTEM: Macintosh 7.6  
SOFTWARE: Microsoft Word, Version 6.0.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/883,036A  
FILING DATE: 26-JUN-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US --to be assigned--  
FILING DATE: 04-JUN-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/829,536  
FILING DATE: 28-MAR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/815,255  
FILING DATE: 12-MAR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/799,861  
FILING DATE: 13-FEB-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Anderson, Kathryn A.  
REGISTRATION NUMBER: 32,172  
REFERENCE/DOCKET NUMBER: 2625-D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 587-0430  
TELEFAX: (206) 233-0644  
TELEX: 756822  
INFORMATION FOR SEQ. ID NO.: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 440 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

MOLECULE TYPE: protein  
US-08-883-036a-2

Query Match 100.0%; Score 2327; DB 3; Length 440;  
Best Local Similarity 100.0%; Pred. No. 5,8e-211;  
Matches 440; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MEORGNAPASGARRKRRGPPREANGARPGRPVETLVVAAVLLVSASALLTQOD 60
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DB 1 MEORGNAPASGARRKRRGPPREANGARPGRPVETLVVAAVLLVSASALLTQOD 60
QY 61 LAPORAAPOQRSSPSEGLCPGHHISDGRICISCKYGODYSTMNDLFLCRLCTRD 120
   |||
DB 61 LAPORAAPOQRSSPSEGLCPGHHISDGRICISCKYGODYSTMNDLFLCRLCTRD 120
QY 121 SGEVELSPCTTTRNTVCOCEEGTFREDESPEMCRKRTGCPGMVKVGDCTPMSDIECVH 180
   |||
DB 121 SGEVELSPCTTTRNTVCOCEEGTFREDESPEMCRKRTGCPGMVKVGDCTPMSDIECVH 180
QY 181 KSGTRKHSERAVERTYSSPGTPASPCSLSGIITGVVAAVLLVAVFVCKSLMKRY 240
   |||
DB 181 KSGTRKHSERAVERTYSSPGTPASPCSLSGIITGVVAAVLLVAVFVCKSLMKRY 240
QY 241 LPYLKIGICGGGDEPERVDRSSQRPGEADNVLEIVSILOPTQVPEQMEVQEPAPETGV 300
   |||
DB 241 LPYLKIGICGGGDEPERVDRSSQRPGEADNVLEIVSILOPTQVPEQMEVQEPAPETGV 300
QY 301 NMLSPGESEHLLPEPAERSQRRRLVLANEGDPTETLRQCFDDPADLVFPDSWEPLMKR 360
   |||
DB 301 NMLSPGESEHLLPEPAERSQRRRLVLANEGDPTETLRQCFDDPADLVFPDSWEPLMKR 360
QY 361 LGLMNEIKVAAEAGHDTLYTMLIKVNKTGRDASVHTLLDALETGERLAKOKIED 420
   |||
DB 361 LGLMNEIKVAAEAGHDTLYTMLIKVNKTGRDASVHTLLDALETGERLAKOKIED 420
QY 421 HLSSGKFMYLEGNDASMS 440
   |||
DB 421 HLSSGKFMYLEGNDASMS 440

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RESULT 2  
US-08-651-579-2  
Sequence 2, Application US/08651579  
Patent No. 5912141  
GENERAL INFORMATION:  
APPLICANT: BROJATICH, JURGEN  
APPLICANT: NAUGHTON, JOHN  
APPLICANT: YOUNG, JOHN A. T.  
TITLE OF INVENTION: TUMOR VIRUS SUSCEPTIBILITY GENES AND GENE  
TITLE OF INVENTION: PRODUCTS, AND USES RELATED THERETO  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII (text)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/651,579  
FILING DATE: 22 MAY 1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: HMT-019  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 368 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-651-579-2

Query Match 20.0%; Score 464.5; DB 2; Length 368;  
Best Local Similarity 32.8%; Pred. No. 1.1e-35;  
Matches 136; Conservative 50; Mismatches 158; Indels 71; Gaps 14;

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QY 36 KTLVLAVALVLLVSASALLTQODLAPORAAPOQRSSPSE-----GLCPGHHI 87
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DB 2 RSMALRLCEVLLLEFAEYOL-----GSAAYKKRRDRSDLOKPDLYRRKCPMGTYE 52
QY 88 SEDGRDICSCKYGODYSTMNDLFLCRLCTRDGSEVELSPCTTTRNTVCOCEEGTFREE 147
   |||
DB 53 ANDSTICLPK-KDEYTERPNDFPKLCGRCTREDQVEYSPCLPIRNTQCACKNGTFLCP 111
QY 148 DSP-EMCRKRTGCPGMVKVGDCTPMSDIECVHESGTRKHSERAVERTYSSPGTPA 206
   |||
DB 112 DHPCEMCKCKQTECPKGVRLAPCTQHSDDL-----GPPLP-1SSSSST-- 155
QY 207 SPCLSGIITGVVAAVLLVAVFVCKSLMKRYLPYLKIGIS-----GGGQDPER----- 257
   |||
DB 156 ----LWIIITFTVLLAVILGLV-----FWKR-----CSSRHGGAGDGLSWKPS 198
QY 258 --VDRSSQRPGEADNVLEIVSILOPTQVPEQMEVQEPAPETGVNMLSPGESEHLLPEA 315
   |||
DB 199 AYVNRLLQRLGIQDNKCN--QIYQOQOQELLFTQSGSEVHGYEM--EGERTPTPD- 253
QY 316 EMERSQRRLLVLANEGDPTETLRQCFDDPADLVFPDSWEPLMKRILGLMNEIKVAAE 375
   |||
DB 254 ---KVETQRKLVAVLENDIALHRSFNTFYVFPPEMKRGRALDLOENDLYLAEQHD 310
QY 376 AGHROFLYTMLIKVNKTGRDASVHTLLDALETGERLAKOKIEDHLSSGKFMY 430
   |||
DB 311 RVSCPEFYOMLNTWLNQOSKASVNTLLETLPRIIGLVADITIASLISKGIFY 365

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RESULT 3  
US-08-883-036a-4  
Sequence 4, Application US/08883036a  
Patent No. 6072047  
GENERAL INFORMATION:  
APPLICANT: Rauch, Charles  
APPLICANT: Walczak, Henning  
TITLE OF INVENTION: Receptor That Blinds TRAIL  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kathryn A. Anderson, Immunex Corporation  
STREET: 51 University Street  
CITY: Seattle,  
STATE: WA  
COUNTRY: US  
ZIP: 98101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Apple Power Macintosh  
OPERATING SYSTEM: Macintosh 7.6  
SOFTWARE: Microsoft Word, Version 6.0.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/883,036a  
FILING DATE: 26-JUN-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US --to be assigned--  
FILING DATE: 04-JUN-1997  
PRIOR APPLICATION DATA:



```

?      REGISTRATION NUMBER: 25,618
?      REFERENCE/DOCKET NUMBER: WALLACH-13
?      TELECOMMUNICATION INFORMATION:
?      TELEPHONE: 202-628-5197
?      TELEFAX: 202-737-3528
?      TELEX: 248633
?      INFORMATION FOR SEO ID NO: 2:
?      SEQUENCE CHARACTERISTICS:
?      LENGTH: 455 amino acids
?      TYPE: amino acid
?      TOPOLOGY: linear
?      MOLECULE TYPE: protein
US-08-321-668-2

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Query Match	9.2%	Score 215;	DB 1;	Length 455;
Best Local Similarity	23.0%;	Pred. No. 4.6e-12;		
Matches 109;	Conservative 62;	Mismatches 172;	Indels 130;	Gaps 22

QY	34	VKTLVVAVAALVLLVSAESALITQOIDLAPQOARPAORAKSPSPSEGCIPRPHNTISEGDR	92
Db	6	VPDLLPLVLELLELVGIPSGVI---GLVY--HLGDREKRNS---VCPQSKYIHPQNNNS	56
QY	93	-----DCISCKYQDYSYTHMNDLIFCLRCTYRC--DSGEYELS	127
Db	57	ICCTKCHKGYLYLNDPCPGQDITCRRCEESG--SETPASENHLRHCLSSCKCKREMGQYEIS	115
QY	128	PCTTANTVCCCEGTEFPEEDSPEM--CRKRTCCPGMGVYVGDCTPMSDIECHYKRSK-	184
Db	116	SCYLDROIVCGCRKNQYRHYHSEMLFQCFCNLSL-CLNGTV-----HLSCEKQNTV	165
QY	185	-TKHSGEAPAVEETVYSSPGTPASPC-----SLSGIIIGYVAAYVALVAVFC-K	233
Db	166	CTCHAGFLEIRENECVSCSNCKKSLCTCKTCLPQIENYKGFEDSGTVALPLVIFPGCLL	225
QY	234	SLI-----WKVLPYLKLGICSGGGGPR--VDSSQRPAGEDMVALETYSILQ	280
Db	226	SLTLTGLMTRYQRRKSKLYSI--VC--GKSTPEEGELEGTTKTPPLAPNPSFSP-----T	276
QY	281	PTQVPEQMEVQEAPEFTGVNMLSPGESEHILFEPAEARSORRLVAPANG-----	332
Db	277	PGFTPLTGFSPVSPSTSTSSSTYTRPGCPNPAAP-----REVAAPPYQADPLIATA	328
QY	333	---DPETTLKROCFEDFA-----DLVPFDSWEPMLRKILGLINDNEI-KV	370
Db	329	LASDPINPRLQKWEDESAHKPOSILDTDDPATLYAVENVPLRLMKEEFVRYRGLSPHEIDL	368
QY	371	AKAAAGAHHDVLYTMLLKWNKT-----GRDASVITLDALETGGERL	413
Db	389	ELONGRCRLREKQYSMLATWTRRRTRRRREATLLELGRVLRMDMLGSCEDIEEAL	441

```

1 RESULT 6
2 US-08-837-941-2
3 ; Sequence 2, Application US/08837941
4 ; Patent No. 5766917
5 ;
6 ; GENERAL INFORMATION:
7 ;
8 ; APPLICANT: WALLACH, David
9 ; APPLICANT: BRAKEBUSCH, Cord
10 ; APPLICANT: VARPOLOMEEV, Eugene
11 ; APPLICANT: BATKIN, Michael
12 ; TITLE OF INVENTION: MOLECULES INFLUENCING THE SHEDDING OF
13 ; TITLE OF INVENTION: THE TNF RECEPTORS, THEIR PREPARATION AND THEIR USE
14 ;
15 ; NUMBER OF SEQUENCES: 42
16 ;
17 ; CORRESPONDENCE ADDRESS:
18 ;
19 ; ADDRESSEE: BROWDY AND NEIMARK
20 ; STREET: 419 Seventh Street, N.W., Suite 300
21 ; CITY: Washington
22 ; STATE: D.C.
23 ; COUNTRY: USA
24 ; ZIP: 20004
25 ;
26 ; COMPUTER READABLE FORM:
27 ;
28 ; MEDIUM TYPE: Floppy disk

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1  COMPUTER: IBM PC compatible
2  OPERATING SYSTEM: PC-DOS/MS-DOS
3  SOFTWARE: PatentIn Release #1.0, Version #1.30
4  CURRENT APPLICATION DATA:
5  APPLICATION NUMBER: US/08/837,941
6  FILING DATE: 28-APR-1997
7  CLASSIFICATION: 435
8  PRIOR APPLICATION DATA:
9  APPLICATION NUMBER: US 08/321,668
10 FILING DATE: 12-OCT-1994
11 APPLICATION NUMBER: IL 107268
12 FILING DATE: 12-OCT-1993
13 ATTORNEY/AGENT INFORMATION:
14 NAME: BROWDY, Roger L.
15 REGISTRATION NUMBER: 25,618
16 REFERENCE/DOCKET NUMBER: WALLACH=13
17 TELECOMMUNICATION INFORMATION:
18 TELEPHONE: 202-628-5197
19 TELEFAX: 202-737-3528
20 TELEX: 248633
21 INFORMATION FOR SEQ ID NO: 2:
22 SEQUENCE CHARACTERISTICS:
23 LENGTH: 455 amino acids
24 TYPE: amino acid
25 TOPOLOGY: linear
26 MOLECULE TYPE: protein
27 US-08-837-941-2

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query Match	9.2%;	Score 215;	DB 1;	Length 455;
Best Local Similarity	23.0%;	Pred. No. 4.6e-12;		
Matches 109;	Conservative 62;	Mismatches 172;	Indels 130;	Gaps 22

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QY      34 VKPTLVVAVVAVLLVLSAESLILITQODLAPQQAAPQKQSSPSSEGLCPREHNITSEDGR  92
Db      6 VPDLPLPLVLELLVGLIIPSVYT---GLVP--HLGDEKREKDS---VCPQKQITNHPQNS  56
QY      93 -----DCISCKYQADYSTHNDLFLCRLCTRC--DSGEVELS  127
Db      57 ICTKCHKGVATLYNDCCPGQGDQDCRCREESG--SPTASENHRLHCTSCSKCKREMGVQEIS  115
QY     128 PCTTTRNTVCCCEGSTREREEDSPEM--CRKCRITCCPRGMKAVGDCITPMSDIECVHKESG-  164
Db     116 SCTVDRDPTVCCGCRNRQVRHYSNEMLFQCFNCST-CLNGTV-----HLSCQEKQNTV  165
QY     185 -TKHSGEAPVAEEVTSSTSPGPASPC-----SLSGIIIGTVAAVVLVAIVFQC-K  233
Db     166 CTGAGFPFLRENECVSSCNCKKSLCTCKLCLPLQIENVKAGTSDSTYLLPLVLPFGICLL  225
QY     234 SLI-----WKVLPYLKIGICSGGGGDDPER--VDRSSQFPGAEDNVLNETVSILO  280
Db     226 SLFTIGIMRYQRYQWKSRLKYSI--VC--GKSTPEKEGELTGGTTTKPLAPNPSFSP-----T  276
QY     281 PTQVPEDEMEQVEAEFTGVNMLSPGSEHLEPAEAEKRSQRRRLYPANEG-----  332
Db     277 PGFTPTLGSEFVSSSTSSSTSYTPGDCPNFAP-----REVAAPYQGDPIIATA  328
QY     333 ---DPTETLRQCEPDFEA-----DLVPEDSWEPLMKILGLMDNEI-KV  370
Db     329 LASDPIENPLQKWEDESAHKPOSIDTDTPATLYAIVENVPPLRWKEFEYRRLGLSDHEIDRL  368
QY     371 AKAAAHGRQTLVTMLKWKVNT-----GRDASVTLLDLDALETGERL  413
Db     389 ELQNGRCLEQAYQSLATWYRRRTPRREATLELLGTVLRDMDLLGCTEDIEEAL  441

```

RESULT 7  
US-08-126-016-2  
; Sequence 2, Application US/08126016  
; Patent No. 5811261  
; GENERAL INFORMATION:  
; APPLICANT: WALLACH, DAVID  
; APPLICANT: NOPHAR, YARON

APPLICANT: KEMPER, OLIVER  
APPLICANT: ENGELMANN, HARTMUT  
APPLICANT: BRAKEBUSH, CORD  
APPLICANT: ABERKA, DAN  
TITLE OF INVENTION: EXPRESSION OF THE RECOMBINANT TUMOR  
TITLE OF INVENTION: NECROSIS FACTOR BINDING PROTEIN I (TBP-1)  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Broadway and Nelmark  
STREET: 419 Seventh Street, N.W., Suite 300  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/126,016  
FILING DATE: 24-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/625668  
FILING DATE: 13-DEC-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: BROWDY, ROGER L.  
REGISTRATION NUMBER: 25,618  
REFERENCE/DOCKET NUMBER: WALLACH4  
TELEPHONE: 202-628-5197  
TELEFAX: 202-737-3528  
TELEX: 248633  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 455 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-126-016-2

Query Match 9.2%; Score 215; DB 2; Length 455;  
Best Local Similarity 23.0%; Pred. No. 4,6e-12;  
Matches 109; Conservative 62; Mismatches 172; Indels 130; Gaps 22;

34 VPKTLVVAVALLVSAESALITQODLAPQORAPQOKRSSPSEGLCPGHHISEDGR- 92  
6 VPDLLEPLVLELLVGIYPSGVI---GLVP--HIGDERKDS---VCPGKTYIHPONNS 56

93 -----DCISCKYGOYSTHWNDLFLCLKTRC--DSGEVELS 127  
57 ICCTKCHKGTLYLVNDPCPGQDPTDCRCESG-SFTASENHLRHCLSCSKCKRMKGQVEIS 115  
128 PCTTRNTVQOCCEGTFREEDSPDM--CRKCRGCGPRGMVKVGDCTPWSOIECVHKESG- 184  
116 SCIVVDRTVCGCKRNOYRHVWSENLFQCFNCSL-CLNGTV-----HLSCEKQNTV 165  
185 -TRHSGAPAVEETVSSPCTPASPC-----SLSGIIGVTVAAVLIYAVFVC-K 233  
166 CTCHAGFLFLENCEVSCSNCKKSLECTKLCLEPOIENVKGTEDSGTVALPLVIFFGCLL 225  
234 SLI-----WKVLPYLKIGICSGGGGDDPR---VDRSSQRPAGEDVNLVETVSILO 280  
226 SLIFGLIMRYORKKSLVSI--VC--GKSTPEKEGELBGTTKPLAPNSPSFSP-----T 276  
281 PTVQPEQEMEQAPAEPTGVNMLSPGESEHLLEPAEAERSQRRLLVPAWEG----- 332  
277 PGTPTLIGFSPVPSSTPTSSSTYTPGDCPNFAP-----REVAPYQAGADPILATA 328  
333 ---DPTETLQOCDDFA-----DLVPPDSNEPLMRKGLGLMNDNEI-KV 370

Db 329 LASDPINPLQKWEASNAHKQSLDTPDPAFLVAVENVPPLRNKFEVRLGLSDHEIDRL 388  
QY 371 AKAAAGHRDLYTMLIKVWNT-----GRDASVHTLDALETTGERL 413  
Db 389 ELONGRCLEAQYSLMATYRRRTPREATLELLGRVLRMDLGLCEIDIEAL 441

RESULT 8  
US-08-465-982-25  
Sequence 25; Application US/08465982  
Patent No. 5863786  
GENERAL INFORMATION:  
APPLICANT: M. Feldmann, P.W. Gray,  
APPLICANT: M.J.C. Turner, F.M. Brennan  
TITLE OF INVENTION: Modified human TNFalpha (Tumor  
TITLE OF INVENTION: Necrosis Factor alpha) Receptor  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Reed & Robbins  
STREET: 635 Bryant Street  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,982  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,319  
FILING DATE: 10-May-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Robbins, Roberta L.  
REGISTRATION NUMBER: 33,208  
REFERENCE/DOCKET NUMBER: 5150-0030  
TELEPHONE: (415) 617-8999  
TELEFAX: (415) 327-3231  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 455 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-465-982-25

Query Match 9.2%; Score 215; DB 2; Length 455;  
Best Local Similarity 23.0%; Pred. No. 4,6e-12;  
Matches 109; Conservative 62; Mismatches 172; Indels 130; Gaps 22;

34 VPKTLVVAVALLVSAESALITQODLAPQORAPQOKRSSPSEGLCPGHHISEDGR- 92  
6 VPDLLEPLVLELLVGIYPSGVI---GLVP--HIGDERKDS---VCPGKTYIHPONNS 56

93 -----DCISCKYGOYSTHWNDLFLCLKTRC--DSGEVELS 127  
57 ICCTKCHKGTLYLVNDPCPGQDPTDCRCESG-SFTASENHLRHCLSCSKCKRMKGQVEIS 115  
128 PCTTRNTVQOCCEGTFREEDSPDM--CRKCRGCGPRGMVKVGDCTPWSOIECVHKESG- 184  
116 SCIVVDRTVCGCKRNOYRHVWSENLFQCFNCSL-CLNGTV-----HLSCEKQNTV 165  
185 -TRHSGAPAVEETVSSPCTPASPC-----SLSGIIGVTVAAVLIYAVFVC-K 233  
166 CTCHAGFLFLENCEVSCSNCKKSLECTKLCLEPOIENVKGTEDSGTVALPLVIFFGCLL 225  
234 SLI-----WKVLPYLKIGICSGGGGDDPR---VDRSSQRPAGEDVNLVETVSILO 280

DB 226 SLIFIGLMRYOQWKSXYLSI--VC--GKSTPEKEGELEGTTRKPLAPNPSFSP-----T 276  
QY 281 PTVPEQEMEVQPAEPTGVNMLSPGESEHLLPEAEBSQRRLVLANEG----- 332  
DB 277 PGFTPLIGFSPVSSSTFTSSSTYTPGDCPNFAAP-----RREVAAPYOGADPILATA 328  
QY 333 ---DPTETLRQCFDFA-----DLVPFDSWEPMLRKLGMDNET-KY 370  
DB 329 LASDPIPNLQKWDSDAHKQPSLDTDDPRLVAVENVPLRKKEVRRRLGSLDHEIDL 388  
QY 371 ARKAAAGHRDTLYTMLIKVWNT-----GRDASVHTLLDALETIGERL 413  
DB 389 ELONGRCLEAQQYSLATWRRTRPREATLELGRVLRDMDLGLEDIEERL 441

RESULT 9  
US-08-815-469-5  
Sequence 5, Application US/08815469  
Patent No. 6153402

## GENERAL INFORMATION:

APPLICANT: Yu, Guo-Liang  
APPLICANT: Ni, Jian  
APPLICANT: Dixit, Vishva  
APPLICANT: Gentz, Reiner L.  
APPLICANT: Dillon, Patrick J.  
TITLE OF INVENTION: Death Domain Containing Receptors  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., NW, Suite 600  
CITY: Washington  
STATE: DC

COUNTRY: USA  
ZIP: 20005-3934

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/815,469  
FILING DATE: HEREWITH  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: No. 6153402 yet Assigned  
FILING DATE: 06-FEB-1997

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/028,711  
FILING DATE: 17-OCT-1996

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/013,285  
FILING DATE: 12-MAR-1996

ATTORNEY/AGENT INFORMATION:  
NAME: Steffe, Eric K.

REGISTRATION NUMBER: 36,688  
REFERENCE/DOCKET NUMBER: 1488, 0310003/EKS/KRM

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 455 amino acids

TYPE: amino acid

STRANDEDNESS: not relevant

TOPOLOGY: not relevant

MOLECULE TYPE: protein

US-08-815-469-5

QY 34 VKTIVVVAANVLLVSAESALITQDAPQORAAPOKRRSPSEGLCPGHHSIDGR- 92  
DB 6 VPDLLPLVLELLVGIYPSGI--GLVP--HLGDRERKDS---VCPQGYIHPOUNNS 56  
QY 93 -----DCISCKYGDYSTHNMDDLFCRLCTPC--DSEGEVELS 127  
DB 57 ICCTKCHKGTLYLNDPCPGQOTDCECHESG--SFTASENHLRHCLSCSKREKQVEIS 115  
QY 128 PCTTTRNFVQCQEGEFTREDSPEM--CRKCRGCPRGVAVKGDCTPMSDIECVHKEG- 184  
DB 116 SCTVDRDITVCGCRKNQYRRHYWSENLFQCFNCSL-CINGTV-----HLSQCEKQNTV 165  
QY 185 -TKHSGEAAVEETVSSSGTSPASPC-----SLSGIIIGVVAANVLIANFVC-K 233  
DB 166 CTCHAGFPLENENECVSCNCKSLCTKLCIDQIENVKGTEDSGTIVLLPIFFGLIL 225  
QY 234 SLT-----WKVLPYLKIGCSGGGDPER--VDRSSQRPGEADNVLEIVSILQ 280  
DB 226 SLIFIGLMRYOQWKSXYLSI--VC--GKSTPEKEGELEGTTRKPLAPNPSFSP-----T 276  
QY 281 PTVPEQEMEVQPAEPTGVNMLSPGESEHLLPEAEBSQRRLVLANEG----- 332  
DB 277 PGFTPLIGFSPVSSSTFTSSSTYTPGDCPNFAAP-----RREVAAPYOGADPILATA 328  
QY 333 ---DPTETLRQCFDFA-----DLVPFDSWEPMLRKLGMDNET-KY 370  
DB 329 LASDPIPNLQKWDSDAHKQPSLDTDDPRLVAVENVPLRKKEVRRRLGSLDHEIDL 388  
QY 371 ARKAAAGHRDTLYTMLIKVWNT-----GRDASVHTLLDALETIGERL 413  
DB 389 ELONGRCLEAQQYSLATWRRTRPREATLELGRVLRDMDLGLEDIEERL 441

RESULT 10  
US-08-815-469-2

Sequence 2, Application US/08815469  
Patent No. 6153402

## GENERAL INFORMATION:

APPLICANT: Yu, Guo-Liang  
APPLICANT: Ni, Jian  
APPLICANT: Dixit, Vishva  
APPLICANT: Gentz, Reiner L.  
APPLICANT: Dillon, Patrick J.  
TITLE OF INVENTION: Death Domain Containing Receptors  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.  
STREET: 1100 New York Ave., NW, Suite 600  
CITY: Washington  
STATE: DC

COUNTRY: USA  
ZIP: 20005-3934

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/815,469  
FILING DATE: HEREWITH  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: No. 6153402 yet Assigned  
FILING DATE: 06-FEB-1997

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/028,711  
FILING DATE: 17-OCT-1996

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/013,285  
FILING DATE: 12-MAR-1996

ATTORNEY/AGENT INFORMATION:  
NAME: Steffe, Eric K.

Query Match 9.2%; Score 215; DB 4; Length 455;  
Best Local Similarity 23.0%; Pred. No. 4,6e-12;  
Matches 109; Conservative 62; Mismatches 172; Indels 130; Gaps 22;

```

?
? REGISTRATION NUMBER: 36,688
? REFERENCE/DOCKET NUMBER: 1488.0310003/EKS/KRM
? TELECOMMUNICATION INFORMATION:
?
? TELEPHONE: 202-371-2600
? TELEFAX: 202-371-2540
?
? INFORMATION FOR SEQ ID NO: 2:
?
? SEQUENCE CHARACTERISTICS:
?
? LENGTH: 428 amino acids
?
? TYPE: amino acid
?
? TOPOLOGY: linear
?
? MOLECULE TYPE: protein
?
? OS-08-815-469-2

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Query Match	9.18;	Score 212;	DB 4;	Length 428;
Best Local Similarity	23.08;	Pred. No. 8.1e-12;		
Matches 107;	Conservative 53;	Mismatches 177;	Indels 128;	Gaps 23

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QY 17 RHGGPR-EAGGAPRGRRPTLVLAVALIVSASALITOODLAPFOORAPPOGRSS 75
Db 5 QGGAPRQGLGEGSAAP-VQDALLLVLG-----ARAQGTRS 41
QY 76 P-----SEGL-----CPRGHITSE-----DGRDICSCKYGD---YSTHWML 110
Db 42 PRCDAGGFHKIKILFCCRCRGPAGHYILKAPCTECGNSLTGCP-ODTELAENHNHS- 98
QY 111 LEFCRTPCD--SGEVELSPCTTRNNVCCSEETPNE-----EDSPEMCRKC----- 156
Db 99 -ECARQACDQASQVALENASAVADTRCGKPRMEFECOVSOQVSSPFCOPCLDCA 157
QY 157 -----RTGCPRGMYKVDDCPWMDIECVHRESGTHKHSGEAPAVEETVTSSPGPASFS- 210
Db 158 LHRHTRLLCSSRDPTDCGCLPG-----FYENG--DGCVSCPSTLGSCPRECAVAQGM 208
QY 211 -----LSGIITGYVAANVLIVAFVCKSLIMKKVLPYLKIGISGGGGCPRERDRS 261
Db 209 ROMEMVOYLLAGVLVPRLLGLATL-----TYTHCHPMHRLVLYADAG---MEAL 255
QY 262 SORGAEDNNVNLNETVSILOPQVQEGEMEYO-----EPAPRGVNNLSGES----- 308
Db 256 TRPATHTLSPLDSAHNTLLARPDSSEKICTQVLQNSMTFQYPRTEQALACQVYVMSWDLP 315
QY 309 EHLLPAPAEBSQRRLLVPANEGDPTETLR--QCFDDRADVLPEDSWELPKRKLGAMD 365
Db 316 SRALGPAAAP-----TLPSESPASSPAMMILOPQPOLY-DVMDAVPARWKEFVRTGLRE 369
QY 366 NEIVAKAAEAAGHRDITLYMLIKMKNVNTGDSAHNTLLDLLETLG 410
Db 370 AETAVEVEIGRFDDQOYEMTKRN--HOQOPAGGAVAYALERNG 412

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RESULT 11  
 US-08-815-469-4  
 Sequence 4, Application US/08815469  
 Patent No. 6153402  
 GENERAL INFORMATION:  
 APPLICANT: Yu, Guo-Liang  
 APPLICANT: Ni, Jian  
 APPLICANT: Dixit, Vishva  
 APPLICANT: Gentz, Reiner L.  
 APPLICANT: Dillon, Patrick J.  
 TITLE OF INVENTION: Death Domain Containing Receptors  
 NUMBER OF SEQUENCES: 17  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Stene, Kessler, Goldstein & Fox, P.L.L.C.  
 STREET: 1100 New York Ave.,  
 CITY: Washington  
 STATE: DC  
 COUNTRY: USA  
 ZIP: 20005-3934  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible

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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.33
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/815,469
FILING DATE: HEREWITH
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: No. 6153402 Yet Assigned
FILING DATE: 06-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,711
FILING DATE: 17-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/013,285
FILING DATE: 12-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Steife, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1488.0310003/EKS/KRM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 417 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

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Query Match	8.7%;	Score 203.5;	DB 4;	Length 417;
Best Local Similarity	23.4%;	Pred. No. 4.9e-11;		
Matches 90;	Conservative 48;	Mismatches 158;	Indels 89;	Gaps 18

QY	CPRHGHISE-----DGDHCISCKYGGD---YSTHNNDLFLCJRCRC--GGEVELSP	128
Db	51 CPAGHYLKAFCPTCCGNSYCLVCP--QDTFLAMNNHNS--ECARCOACDBQASVALEN	106
QY	129 CTTTNTNTVCOCEEGTFRB-----EDSPEMCKRC-----RTGCPRGKVKVGDCT	171
Db	107 CSAVADFRCGCKPGMFVEBCVQGVCSVSSPFYQDCLCGALHRTTLLCSRPBDTCGL	166
QY	172 PMSDIECVHKSSGKHKSGEAPAVEEYTTSSPGTASPSC-----LSGIIIGTYA	221
Db	167 PG-----FYEHG-----DGCVSCPTSTLGCSPERCACAAQGMOMFWOYLLAGLAVPTLLG	217
QY	222 AVVLIVAVFVCKSLMLMKVLYPLKLGICSGGGGQDERDRSSQRPGEADNYLNEIYSTIOP	281
Db	218 ATL-----TYYTRICMFBKFLVATDAEG---MEALTPPPTHLSPLDASHHTLLAP	264
QY	282 TQVEQOEEMVO-----EPKEPTGVNNLSPEGS-----EHLLPEAEBSQRRLVLP	328
Db	265 PDSEKEICTQVLVGNNSMTPGVPETQALCPQVYTMWSDQLPSBALGPAAP-----TLSPE	319
QY	329 ANEGDPEETTLR---QCDDDFADLVLPDPSMEPLMKLGLMDNEIKVAKAEAGHRDITYTM	365
Db	320 SPASSPAMMILQPGPOLY-DVMDAVPARMKKEFVTTGLREALTEAVEVEIGREFDQOYEM	378
QY	386 LKRVNKTGRDASVHTLLDLETLG	410
Db	379 LKRW--RQOQFAGLGAVALAERRG	401

RESULT 12  
US-08-815-669-6  
Sequence 6 Application US/080815466-6  
Patent No. 6155402  
GENERAL INFORMATION:  
APPLICANT: YU, GUO-LIANG  
APPLICANT: NI, JIAN  
APPLICANT: DIXIT, VISHVA  
APPLICANT: GENZT, REINER L.

```

; APPLICANT: DILLON, Patrick J.
; TITLE OF INVENTION: Death Domain Containing Receptors
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
; STREET: 1100 New York Ave., NW, Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/815,469
; FILING DATE: HEREWITH
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: No. 6153402 yet Assigned
; FILING DATE: 06-FEB-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,711
; FILING DATE: 17-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/013,285
; FILING DATE: 12-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Steffe, Eric K.
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1488.0310003/EKS/KRM
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 335 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; MOLECULE TYPE: protein
; US-08-815-469-6

Query Match      8.6%; Score 201; DB 4; Length 335;
Best Local Similarity 26.6%; Pred. No. 6,1e-11;
Matches 77; Conservative 35; Mismatches 92; Indels 86; Gaps 14;

QY 38 LVLVVAVALLL-----VSAESALITQODLAPQOARAPOOKRSSPSEGL-----CPP 83
DB 8 LPLVLTVAARLSKSVNAQVTDINSKGL--ELRKTVTTVETONLEGLHHDGFCCHKPCPP 65

QY 84 GHH-----ISEGDRCISCKYGGDYSTHWNMDLFLCRLCTRCDSG---EVELSPCTTTRN 134
DB 66 GERARDCITVAGDEPDVPCOEGKEITDKAHFSSKCRKRLCDEHGLEVEIN-CTRTON 124

QY 135 TVCOCEGTFREEDSPENCRCRTGCPRGWVKVGDCTPMSDIECVHKSQT----- 185
DB 125 TKCRCKPNEFONSTVCEHCDCP--TKCEHGIIK--ECTLTSNTKCKEYVKRKEVQKCRKH 179

QY 186 SGEAPAVEEIVTSSPGTPA---SPCSLSGIITIGTVAAVLIYAVFVCKSLMKKLYPYL 221
DB 180 LLLPLIPLIWKKREVKQTKCRKHREKNGSHSEPTLNPETAIVAINLSDVLSKYI--TTIA 237

QY 222 AVVLIYAVFVCKSLMKKLYPYLKGICSGGGGDPERVDRSSORPGAEDNV 271
DB 238 GVM-----TLSQVKGFAVRKNGVNAKIDEIK-----NDNV 267

RESULT 13
US-08-444-231-19
; Sequence 19, Application US/08444231
```

```

; Patent No. 5652210
; GENERAL INFORMATION:
; APPLICANT: BARR, PHILIP J.
; APPLICANT: SHAPIRO, JOHN P.
; APPLICANT: KIEFER, MICHAEL C.
; TITLE OF INVENTION: NOVEL FAS PROTEIN AND METHODS OF USE
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/444,231
; FILING DATE: 18-MAY-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/152,443
; FILING DATE: 15-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: LEHNHARDT, SUSAN K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20006.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 314 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-444-231-19

Query Match      8.6%; Score 199.5; DB 1; Length 314;
Best Local Similarity 27.7%; Pred. No. 7,7e-11;
Matches 74; Conservative 36; Mismatches 96; Indels 61; Gaps 13;

QY 38 LVLVVAVALLL-----VSAESALITQODLAPQOARAPOOKRSSPSEGL-----CPP 83
DB 8 LPLVLTVAARLSKSVNAQVTDINSKGL--ELRKTVTTVETONLEGLHHDGFCCHKPCPP 65

QY 84 GHH-----ISEGDRCISCKYGGDYSTHWNMDLFLCRLCTRCDSG---EVELSPCTTTRN 134
DB 66 GERARDCITVAGDEPDVPCOEGKEITDKAHFSSKCRKRLCDEHGLEVEIN-CTRTON 124

QY 135 TVCOCEGTFREEDSPENCRCRTGCPRGWVKVGDCTPMSDIECVH-----KESGTKH 187
DB 125 TKCRCKPNEFONSTVCEHCDCP--TKCEHGIIK--ECTLTSNTKCKEYVKRKEVQKCRKH 181

QY 188 SGEAPAVEEIVTSSPGTPA---SPCSLSGIITIGTVAAVLIYAVFVCKSLMKKLYPYL 244
DB 182 RKENQSHSEPTLNPETAIVAINLSDVLSKYI--TTIAGVM-----TLSQV 224

QY 245 KGICSGGGGDPERVDRSSORPGAEDNV 271
DB 225 KGFVAKNGVNAKIDEIK-----NDNV 246

RESULT 14
US-08-152-443A-19
; Sequence 19, Application US/08152443A
; Patent No. 5663070
```



```

GENERAL INFORMATION:
APPLICANT: BARR, PHILIP J.
APPLICANT: SHAPIRO, JOHN P.
APPLICANT: KIEFER, MICHAEL C.
TITLE OF INVENTION: NOVEL FAS PROTEIN AND METHODS OF USE
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 Page Mill Road
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/152,443A
FILING DATE: 15-NOV-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: LEHNHARDT, SUSAN K.
REGISTRATION NUMBER: 33,943
REFERENCE/DOCKET NUMBER: 23647-20006.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 813-5600
TELEFAX: (415) 494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 314 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-152-443A-19

Query Match      8.6%; Score 199.5; DB 1; Length 314;
Best Local Similarity 27.7%; Pred. No. 7.7e-11;
Matches 74; Conservative 36; Mismatches 96; Indels 61; Gaps 13;

QY 38 LVLVAVALL-----VSASALITQODLAPQORAPQOKRSSPEGL-----CPP 83
DB 8 LPLVLSVARLSKSVNAQVTDINSKGL--ELRKVTVTETONLEGLHHDGQFCRHKPCPP 65

QY 84 GHH-----ISEDRDCISCKYGDYSTHMDLLFCLRCTRCDSG---EVELSPCTTTRN 134
DB 66 GERKARDCTVNGDEPCVPCQEGKEKTDKAHFSKRCRCLDCEGHGLEVEIN-CTRION 124

QY 135 TVCQCEGTFREEDSPDMCKRCRTGCPRGWVKVGDCTPMSDIECVH-----KESGTKH 187
DB 125 TKCRCKPNEFCNSTVCEHCDPC-TKCEHGIK--ECTLISNTKCKEYVKKRKEVQKTCRKH 181

QY 188 SGEPAVEETVNTSSPTPA---SPCSLSGIIIGVTAAVAVLIYAVFVCKSLMKKVLPLYL 244
DB 182 RKENQSHSPLNPFVAINLSDVDLSKYI--TTIAGVA-----TLISOY 224

QY 245 KGICSGGGDPERVDRSSORPGAEDNV 271
DB 225 KGFVRKNGVNEAKIDEIK-----NDNV 246

RESULT 15
PCT-US95-17083-4
Sequence 4, Application PC/TUS9517083
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: SECRETED HUMAN FAS ANTIGEN
NUMBER OF SEQUENCES: 16
CURRENT APPLICATION DATA:

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APPLICATION NUMBER: PCT/US95/17083
FILING DATE: CONCURRENTLY HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/371,263
FILING DATE: 23-DEC-1994
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 314 amino acids
TYPE: amino acid
TOPOLOGY: linear
PCT-US95-17083-4

Query Match      8.6%; Score 199.5; DB 5; Length 314;
Best Local Similarity 27.7%; Pred. No. 7.7e-11;
Matches 74; Conservative 36; Mismatches 96; Indels 61; Gaps 13;

QY 38 LVLVAVALL-----VSASALITQODLAPQORAPQOKRSSPEGL-----CPP 83
DB 8 LPLVLSVARLSKSVNAQVTDINSKGL--ELRKVTVTETONLEGLHHDGQFCRHKPCPP 65

QY 84 GHH-----ISEDRDCISCKYGDYSTHMDLLFCLRCTRCDSG---EVELSPCTTTRN 134
DB 66 GERKARDCTVNGDEPCVPCQEGKEKTDKAHFSKRCRCLDCEGHGLEVEIN-CTRION 124

QY 135 TVCQCEGTFREEDSPDMCKRCRTGCPRGWVKVGDCTPMSDIECVH-----KESGTKH 187
DB 125 TKCRCKPNEFCNSTVCEHCDPC-TKCEHGIK--ECTLISNTKCKEYVKKRKEVQKTCRKH 181

QY 188 SGEPAVEETVNTSSPTPA---SPCSLSGIIIGVTAAVAVLIYAVFVCKSLMKKVLPLYL 244
DB 182 RKENQSHSPLNPFVAINLSDVDLSKYI--TTIAGVA-----TLISOY 224

QY 245 KGICSGGGDPERVDRSSORPGAEDNV 271
DB 225 KGFVRKNGVNEAKIDEIK-----NDNV 246

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Search completed: May 23, 2001, 14:19:00  
Job time: 70 sec

